

DRD-6861-99

8 October 1959

MEMORANDUM FOR: Acting Chief, DRD

SUBJECT : Trip Report of Visit to Helio Aircraft Corporation
and Aircraft Radio Corporation

1. On 6 October 1959, a radio mock-up meeting was held at the Helio plant in Norwood, Mass. Principals in the meeting were [redacted] chief engineer of Helio, Mr. Kier, field representative of Aircraft Radio Corporation, and [redacted]. The installation of the radio control panels and the radio control beams were finalized for the Helio Model 500. Further discussions were concentrated on location of the ADF and VOR antenna positions.

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2. Discussions were also held with [redacted] on the delivery schedules for the two (2) twin Helio aircraft. Due to late delivery dates in components from suppliers and due to some inferior steel deliveries, the roll-out date of the first airplane will probably slip to the first part of January.

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3. On 7 October 1959, [redacted] made an informal visit of the plant facilities of the Aircraft Radio Corporation. Discussions held with [redacted] indicated that prior to delivery of the first twin Helio, certain improvements in radio capabilities could be expected. These are not changes in types of radios or in mission concept, but rather are product improvement items to enhance operational flexibility. These improvements will be incorporated into the radio system at no expense to the buyer.

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4. It is desired that ARD be informed as soon as possible what frequencies are desired in the primary and secondary VHF communications systems. Major Hipert will discuss the details of this decision with the Operations Technical Section and relay the necessary information to Mr. Kier.

5. During the radio mock-up at Helio, it was concluded that the single 25 amp generator is not adequate for the operational phases of the aircraft. It is recommended that the contract with Helio be

25 YEAR RE-REVIEW

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needed to provide for two (2) generators per aircraft with 35 amp capacity each. The additional money required is now under study. It should be only a minor consideration for this necessary addition.

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[Redacted]
Major, USAF
Developments Branch

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CONCURRE WITH PARA 5

[Redacted] make arrangements

SIGNED

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Colonel [Redacted]
Acting Chief, DTD

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DDO-10/71 [Redacted] made

Distribution:

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